

## NAVESINK RIVER

### DRAINAGE AREA

60,000 acres or 93.8 square miles.

### LOCATION

Located in eastern Monmouth County.

### SPONSORS

Freehold Soil Conservation District  
New Jersey State Soil Conservation Committee



*Navesink Estuary, Red Bank, New Jersey*

### OBJECTIVES

To reduce coliform bacteria entering the shellfish harvest areas of the Navesink River estuary and to reduce sedimentation of the Swimming River Reservoir.

### LAND TREATMENT

Animal waste runoff control and animal waste management. Cropland soil erosion control.



*Cropland Terrace Installed Upstream of Swimming River Reservoir*

### STRUCTURAL MEASURES

Structural measures included animal waste runoff control measures to divert relatively clean roof runoff and upper-lying land runoff away from animal waste holding areas. A 430 animal unit static pile aerobic composting facility was constructed to receive animal waste from smaller horse operations. Structural measures also included 1150 feet of grassed waterway, 4300 feet of terrace, two (2) water control structures and four (4) animal waste storage facilities.

### STATUS

Nineteen (19) long term contracts were implemented. Much of the implementation occurred on lands owned by governmental entities including state, county and local. Project is completed.

### OPERATION AND MAINTENANCE

Operation and maintenance of the implemented practices is the responsibility of the landowner.

## BENEFITS

The project provides over \$125,000 in average annual benefits for improved shellfish harvesting and water quality for public water supply.

